

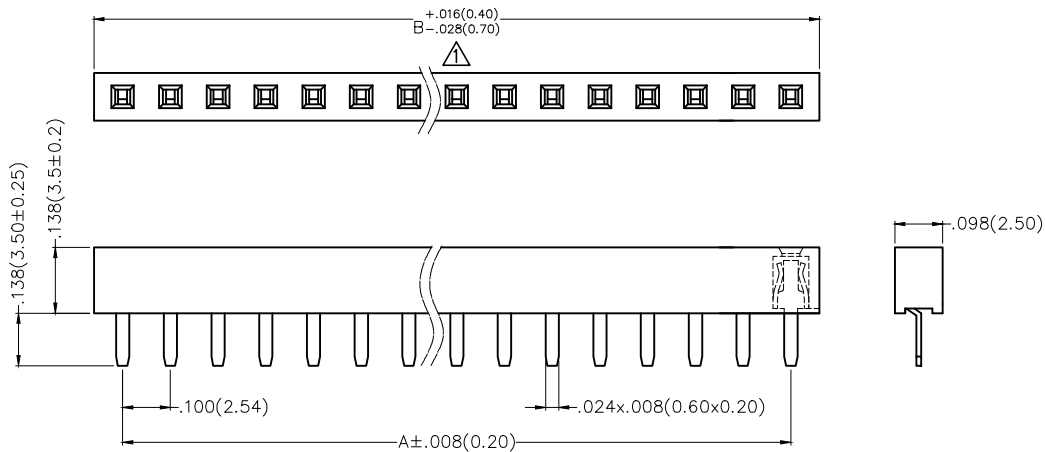
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	19/MAY/21	KATE	CHERRY

SPECIFICATIONS

Electrical
 Current Rating: 3A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range-Operating: -40°C~+85°C

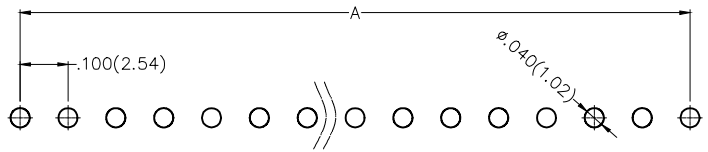
Material and Plating
 Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, tin on tail



Ordering Information

FFH 254 46 - S XX S X XX X K6 X
 1 2 3 4 5 6 7 8 9 10 11

1	Category FFH-Female Header	2	Series Number 254-Pitch 2.54mm	3	Distinction No. 46	4	Row Option S-Single row	5	Circuits XX	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 05-5μ" Custom plate available	9	Material-Resin 1-PBT 4-PA6T	10	Color-Resin K6-Black	11	Packaging L-Tube K-Tray		





Recommended P.C.Board Layout



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-SXXSXXXK6X	ITEM NO. FFH25446	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 04/JAN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				
		X.XXX±.004(0.10)	.XXX'±0.5'				

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B 			A	B 
2	FFH25446-S02SXXXXK6X	.100(2.54)	.216(5.48)	22	FFH25446-S22SXXXXK6X	2.100(53.34)	2.216(56.28)
3	FFH25446-S03SXXXXK6X	.200(5.08)	.316(8.02)	23	FFH25446-S23SXXXXK6X	2.200(55.88)	2.316(58.82)
4	FFH25446-S04SXXXXK6X	.300(7.62)	.416(10.56)	24	FFH25446-S24SXXXXK6X	2.300(58.42)	2.416(61.36)
5	FFH25446-S05SXXXXK6X	.400(10.16)	.516(13.10)	25	FFH25446-S25SXXXXK6X	2.400(60.96)	2.516(63.90)
6	FFH25446-S06SXXXXK6X	.500(12.70)	.616(15.64)	26	FFH25446-S26SXXXXK6X	2.500(63.50)	2.616(66.44)
7	FFH25446-S07SXXXXK6X	.600(15.24)	.716(18.18)	27	FFH25446-S27SXXXXK6X	2.600(66.04)	2.716(68.98)
8	FFH25446-S08SXXXXK6X	.700(17.78)	.816(20.72)	28	FFH25446-S28SXXXXK6X	2.700(68.58)	2.816(71.52)
9	FFH25446-S09SXXXXK6X	.800(20.32)	.916(23.26)	29	FFH25446-S29SXXXXK6X	2.800(71.12)	2.916(74.06)
10	FFH25446-S10SXXXXK6X	.900(22.86)	1.016(25.80)	30	FFH25446-S30SXXXXK6X	2.900(73.66)	3.016(76.60)
11	FFH25446-S11SXXXXK6X	1.000(25.40)	1.116(28.34)	31	FFH25446-S31SXXXXK6X	3.000(76.20)	3.116(79.14)
12	FFH25446-S12SXXXXK6X	1.100(27.94)	1.216(30.88)	32	FFH25446-S32SXXXXK6X	3.100(78.74)	3.216(81.68)
13	FFH25446-S13SXXXXK6X	1.200(30.48)	1.316(33.42)	33	FFH25446-S33SXXXXK6X	3.200(81.28)	3.316(84.22)
14	FFH25446-S14SXXXXK6X	1.300(33.02)	1.416(35.96)	34	FFH25446-S34SXXXXK6X	3.300(83.82)	3.416(86.76)
15	FFH25446-S15SXXXXK6X	1.400(35.56)	1.516(38.50)	35	FFH25446-S35SXXXXK6X	3.400(86.36)	3.516(89.30)
16	FFH25446-S16SXXXXK6X	1.500(38.10)	1.616(41.04)	36	FFH25446-S36SXXXXK6X	3.500(88.90)	3.616(91.84)
17	FFH25446-S17SXXXXK6X	1.600(40.64)	1.716(43.58)	37	FFH25446-S37SXXXXK6X	3.600(91.44)	3.716(94.38)
18	FFH25446-S18SXXXXK6X	1.700(43.18)	1.816(46.12)	38	FFH25446-S38SXXXXK6X	3.700(93.98)	3.816(96.92)
19	FFH25446-S19SXXXXK6X	1.800(45.72)	1.916(48.66)	39	FFH25446-S39SXXXXK6X	3.800(96.52)	3.916(99.46)
20	FFH25446-S20SXXXXK6X	1.900(48.26)	2.016(51.20)	40	FFH25446-S40SXXXXK6X	3.900(99.06)	4.016(102.00)
21	FFH25446-S21SXXXXK6X	2.000(50.80)	2.116(53.74)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-SXXSXXXXK6X	ITEM NO. FFH25446	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5" .X"±2" .XX'±1" .XXX'±0.5'	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 04/JAN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

1 2 3 4 5 6 7 8

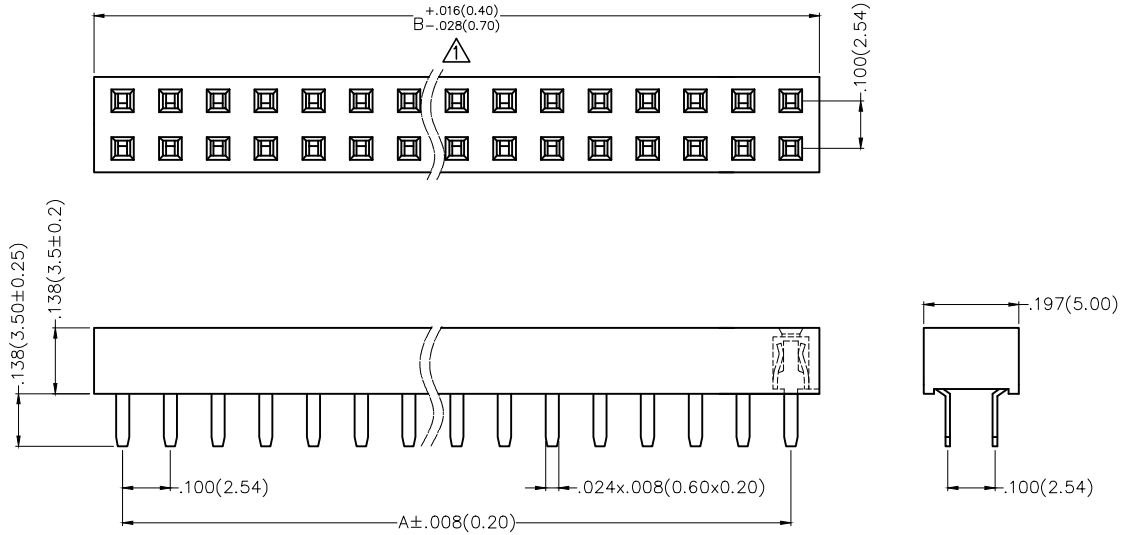
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	21/MAY/21	KATE	CHERRY

SPECIFICATIONS

Electrical
 Current Rating: 3A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range-Operating: -40°C~+85°C

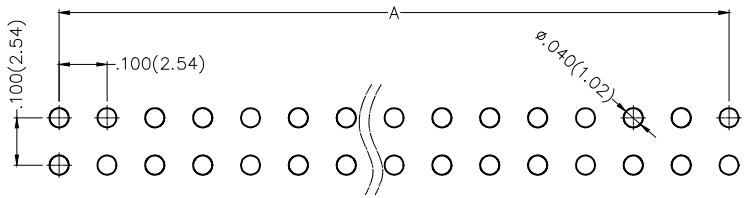
Material and Plating
 Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, tin on tail



Ordering Information

FFH 254 46 - D XX S X XX X K6 X
 1 2 3 4 5 6 7 8 9 10 11

1	Category FFH-Female Header	2	Series Number 254-Pitch 2.54mm	3	Distinction No. 46	4	Row Option D-Double row	5	Circuits XX	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 05-5μ" Custom plate available	9	Material-Resin 1-PBT 4-PA6T	10	Color-Resin K6-Black	11	Packaging L-Tube K-Tray		





Recommended P.C.Board Layout



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-DXXSXXXK6X	ITEM NO. FFH25446	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 04/JAN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				
		X.XXX±.004(0.10)	.XXX'±0.5'				

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B 			A	B 
4	FFH25446-D04SXXXXK6X	.100(2.54)	.216(5.48)	44	FFH25446-D44SXXXXK6X	2.100(53.34)	2.216(56.28)
6	FFH25446-D06SXXXXK6X	.200(5.08)	.316(8.02)	46	FFH25446-D46SXXXXK6X	2.200(55.88)	2.316(58.82)
8	FFH25446-D08SXXXXK6X	.300(7.62)	.416(10.56)	48	FFH25446-D48SXXXXK6X	2.300(58.42)	2.416(61.36)
10	FFH25446-D10SXXXXK6X	.400(10.16)	.516(13.10)	50	FFH25446-D50SXXXXK6X	2.400(60.96)	2.516(63.90)
12	FFH25446-D12SXXXXK6X	.500(12.70)	.616(15.64)	52	FFH25446-D52SXXXXK6X	2.500(63.50)	2.616(66.44)
14	FFH25446-D14SXXXXK6X	.600(15.24)	.716(18.18)	54	FFH25446-D54SXXXXK6X	2.600(66.04)	2.716(68.98)
16	FFH25446-D16SXXXXK6X	.700(17.78)	.816(20.72)	56	FFH25446-D56SXXXXK6X	2.700(68.58)	2.816(71.52)
18	FFH25446-D18SXXXXK6X	.800(20.32)	.916(23.26)	58	FFH25446-D58SXXXXK6X	2.800(71.12)	2.916(74.06)
20	FFH25446-D20SXXXXK6X	.900(22.86)	1.016(25.80)	60	FFH25446-D60SXXXXK6X	2.900(73.66)	3.016(76.60)
22	FFH25446-D22SXXXXK6X	1.000(25.40)	1.116(28.34)	62	FFH25446-D62SXXXXK6X	3.000(76.20)	3.116(79.14)
24	FFH25446-D24SXXXXK6X	1.100(27.94)	1.216(30.88)	64	FFH25446-D64SXXXXK6X	3.100(78.74)	3.216(81.68)
26	FFH25446-D26SXXXXK6X	1.200(30.48)	1.316(33.42)	66	FFH25446-D66SXXXXK6X	3.200(81.28)	3.316(84.22)
28	FFH25446-D28SXXXXK6X	1.300(33.02)	1.416(35.96)	68	FFH25446-D68SXXXXK6X	3.300(83.82)	3.416(86.76)
30	FFH25446-D30SXXXXK6X	1.400(35.56)	1.516(38.50)	70	FFH25446-D70SXXXXK6X	3.400(86.36)	3.516(89.30)
32	FFH25446-D32SXXXXK6X	1.500(38.10)	1.616(41.04)	72	FFH25446-D72SXXXXK6X	3.500(88.90)	3.616(91.84)
34	FFH25446-D34SXXXXK6X	1.600(40.64)	1.716(43.58)	74	FFH25446-D74SXXXXK6X	3.600(91.44)	3.716(94.38)
36	FFH25446-D36SXXXXK6X	1.700(43.18)	1.816(46.12)	76	FFH25446-D76SXXXXK6X	3.700(93.98)	3.816(96.92)
38	FFH25446-D38SXXXXK6X	1.800(45.72)	1.916(48.66)	78	FFH25446-D78SXXXXK6X	3.800(96.52)	3.916(99.46)
40	FFH25446-D40SXXXXK6X	1.900(48.26)	2.016(51.20)	80	FFH25446-D80SXXXXK6X	3.900(99.06)	4.016(102.00)
42	FFH25446-D42SXXXXK6X	2.000(50.80)	2.116(53.74)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-DXXSXXXXK6X	ITEM NO. FFH25446	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 04/JAN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

1 2 3 4 5 6 7 8